

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SILK FIBROIN MATERIALS AND USE THEREOF

which is described and claimed in:

- ☐ the specification attached hereto.
- ☐ the specification in U.S. Application Serial Number _____, filed on _____;
- ☒ the specification in PCT International Application Number PCT/US2004/000255 filed on 07 January 2004;
- ☒ I have reviewed the preliminary amendment filed concurrently with the specification which is part of the application as filed;

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Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
<u>Application No.</u>	<u>Filing Date</u>	<u>Country</u>	<u>Priority Claimed under 35 U.S.C. §119?</u>
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit under 35 U.S.C. §120					
U.S. Applications		Status (Check One)			
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned	
PCT Applications Designating the U.S.					
Application No.	Filing Date	U.S. Serial No. Assigned			

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))**

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<u>Applicant</u>	<u>Provisional Application Number</u>	<u>Filing Date</u>
Kaplan, et al.	60/438,393	01/07/2003

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Ronald I. Eisenstein (Reg. No. 30,628)	David S. Resnick (Reg. No. 34,235)	Michael L. Goldman (Reg. No. 30,727)
Nicole L.M. Valtz (Reg. No. 47,150)	Leena Karttunen (L0207)	Georgia Evans (Reg. No. 44,957)
Gunnar G. Leinberg (Reg. No. 35,584)	Edwin V. Merkel (Reg. No. 40,087)	Joseph Noto (Reg. No. 32,163)

SEND CORRESPONDENCE TO: David S. Resnick NIXON PEABODY LLP 100 Summer Street Boston, Massachusetts 02110-2131	DIRECT TELEPHONE CALLS TO: David S. Resnick (617) 345-6057
--	---


2 0 1	FULL NAME OF INVENTOR	LAST NAME KAPLAN	FIRST NAME DAVID	MIDDLE NAME L.
	RESIDENCE & CITIZENSHIP	CITY Concord	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 46 Pond Street	CITY Concord	STATE OR COUNTRY AND ZIP CODE MA 01742

2 0 2	FULL NAME OF INVENTOR	LAST NAME NAZAROV	FIRST NAME RINA	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Medford	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 24 Princeton Street	CITY Medford	STATE OR COUNTRY AND ZIP CODE MA 02155

2 0 3	FULL NAME OF INVENTOR	LAST NAME VUNJAK-NOVAKOVIC	FIRST NAME GORDANA	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Belmont	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 305 Fitzmaurice Circle	CITY Belmont	STATE OR COUNTRY AND ZIP CODE MA 02478

2 0 4	FULL NAME OF INVENTOR	LAST NAME MEINEL	FIRST NAME LORENZ	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Niestetal	STATE OR FOREIGN COUNTRY DE	COUNTRY OF CITIZENSHIP DE
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Kastanienstrasse 6	CITY Niestetal	STATE OR COUNTRY AND ZIP CODE D-34266 DE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 (Kaplan) 	Date: 10/15/05
Signature of Inventor 202 (Nazarov)	Date:
Signature of Inventor 203 (Vunjak-Novakovic)	Date:
Signature of Inventor 204 (Meinel)	Date:

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U.S. Applications		Status (Check One)			
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned	
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Application No.	Filing Date	U.S. Serial No. Assigned			
PCT/US2004/000255	Jan. 7, 2004	10/541,182			

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Gunnar G. Leinberg	(Reg. No. 35,584)	Edwin V. Merkel	(Reg. No. 40,087)	Joseph Noto	(Reg. No. 32,163)

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	RESIDENCE & CITIZENSHIP	CITY Concord	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 46 Pond Street	CITY Concord	STATE OR COUNTRY AND ZIP CODE MA 01742

202	FULL NAME OF INVENTOR	LAST NAME NAZAROV	FIRST NAME RINA	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Pine Meadow	STATE OR FOREIGN COUNTRY CT	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS P.O. Box 18 50 Wickett Street	CITY Pine Meadow	STATE OR COUNTRY AND ZIP CODE CT 06061

203	FULL NAME OF INVENTOR	LAST NAME VUNJAK-NOVAKOVIC	FIRST NAME GORDANA	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE OR FOREIGN COUNTRY NY	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2700 Broadway 4G	CITY New York	STATE OR COUNTRY AND ZIP CODE NY 10025

204	FULL NAME OF INVENTOR	LAST NAME MEINEL	FIRST NAME LORENZ	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Niestetal	STATE OR FOREIGN COUNTRY DE	COUNTRY OF CITIZENSHIP DE
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Signature of Inventor 201 (Kaplan)	Date:
Signature of Inventor 202 (Nazarov) 	Date: 24 May 06
Signature of Inventor 203 (Vunjak-Novakovic)	Date:
Signature of Inventor 204 (Meinel)	Date:

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	RESIDENCE & CITIZENSHIP	CITY Concord	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 46 Pond Street	CITY Concord	STATE OR COUNTRY AND ZIP CODE MA 01742


2 0 2	FULL NAME OF INVENTOR	LAST NAME NAZAROV	FIRST NAME RINA	MIDDLE NAME
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS P.O. Box 18	CITY Pine Meadow	STATE OR COUNTRY AND ZIP CODE CT 06061


2 0 3	FULL NAME OF INVENTOR	LAST NAME VUNJAK-NOVAKOVIC	FIRST NAME GORDANA	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <i>New York</i> Belmont	STATE OR FOREIGN COUNTRY NY <i>NY</i>	COUNTRY OF CITIZENSHIP US
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <i>2400 BROADWAY</i> 305 Fitzmaurice Circle <i>46</i>	CITY <i>New York</i> Belmont	STATE OR COUNTRY AND ZIP CODE <i>NY 10025</i> MA 02478

9V 4/12/06
9V 4/12/06

2 0 4	FULL NAME OF INVENTOR	LAST NAME MEINEL	FIRST NAME LORENZ	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Niestetal	STATE OR FOREIGN COUNTRY DE	COUNTRY OF CITIZENSHIP DE
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Kastanienstrasse 6	CITY Niestetal	STATE OR COUNTRY AND ZIP CODE D-34266 DE

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Signature of Inventor 201 (Kaplan)	Date:
Signature of Inventor 202 (Nazarov)	Date:
Signature of Inventor 203 (Vunjak-Novakovic) 	Date: March 22, 2006
Signature of Inventor 204 (Meinel)	Date:


10/12/06

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Signature of Inventor 204 (Meinel) <i>[Signature]</i>	Date: <i>4/7/06</i>